(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 18 August 2005 (18.08.2005)

PCT

(10) International Publication Number WO 2005/075736 A2

(51) International Patent Classification⁷: 3/02, 7/08, 1/00

D21F 11/00,

(21) International Application Number:

PCT/EP2005/050198

(22) International Filing Date: 19 January 2005 (19.01.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10/768,423	30 January 2004 (30.01.2004)	US
60/580,663	17 June 2004 (17.06.2004)	US
60/581,500	21 June 2004 (21.06.2004)	US
10/972,408	26 October 2004 (26.10.2004)	US

- (71) Applicant (for all designated States except US): VOITH FABRICS PATENT GMBH [DE/DE]; St. Poeltener Str. 43, 89522 Heidenheim (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SCHERB, Thomas Thoröe [BR/BR]; R. Nilza de Medeiros Martins, 200, ap., 81, b1 6, Jd. Colombo, CEP-05629010 Sao Paulo (BR). WALKENHAUS, Hubert [DE/DE]; Nachtigallenweg 38, 50169 Kerpen (DE). HERMAN, Jeffrey [US/US]; 42 Derwen Road, Bala Cynwyd, PA 19004 (US). SILVA, Luiz Carlos [BR/BR]; Rua Victory Savoia 46 Vila Tavares, 13230-000 Campo Limpo (BR).

- (74) Common Representative: VOITH FABRICS PATENT GMBH; St. Poeltener Str. 43, 89522 Heidenheim (DE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ADVANCED DEWATERING SYSTEM

(57) Abstract: System for drying a tissue or hygiene web. The system includes a permeable structured fabric carrying the web over a drying apparatus. A permeable dewatering fabric contacts the web and is guided over the drying apparatus. A mechanism is used to apply pressure to the permeable structured fabric, the web, and the permeable dewatering fabric at the drying apparatus. This Abstract is not intended to define the invention disclosed in the specification, nor intended to limit the scope of the invention in any way.